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GEOLOGICAL SURVEY
Water Resources Division
4501 Indian School Rd. NE, Suite 200
Albuquerque, New Mexico 87110

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For information call:
D.W. Wilkins
(505) 262-5345

DIGITAL GEOPHYSICAL-LOG DATA BASE ESTABLISHED FOR THE ALBUQUERQUE BASIN

Digital geophysical logs for boreholes and wells in and adjacent to the Albuquerque Basin have been entered into a data base. A report recently released by the U.S. Geological Survey (USGS), U.S. Department of the Interior, describes the USGS data base, the general types of logs available for each borehole or well and their use, and general methods of data collection. The report was prepared in cooperation with the City of Albuquerque Public Works Department.

Development of the data base began in 1987 to provide an easily accessible, central storage location for selected digital geophysical logs. According to the author, USGS Hydrologist D.W. Wilkins, "Geophysical logs in the data base can be grouped into one of four types: electric, nuclear, acoustic, or caliper. These logs provide information about the character of the aquifer, water, borehole, or finished well."

The logs described in the report were obtained from municipal, State, and Federal agencies.

The report, "Description of geophysical-log data base for boreholes and wells in and adjacent to the Albuquerque Basin, New Mexico," by D.W. Wilkins, is published as Open-File Report 95-360. Copies of the report are available for inspection at the District Office, U.S. Geological Survey, Water Resources Division, 4501 Indian School Road NE, Suite 200, Albuquerque, New Mexico 87110. The report can be purchased at cost from the U.S. Geological Survey, Earth Science Information Center, Open-File Reports Section, Box 25286, MS 517, Denver Federal Center, Denver, Colorado 80225. Orders must include checks or money orders payable to U.S. Department of the Interior-U.S. Geological Survey and specify report identification number (OFR 95-360).

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